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NO. 4545 P. 4

Atty Dkt No. EPI3007E
(formerly USRL184.2GON4)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hein et al.
Title: TRANSGENIC PLANTS
EXPRESSING ASSEMBLED
SECRETORY ANTIBODIES
Appl. No.: 09/512,736
Filing Date: 02/24/00
Examiner: Collins, Cynthia E.
Art Unit: 1638

CERTIFICATE OF FACSIMILE TRANSMISSION I hereby certify that this paper is being facsimile transmitted to the United States Patent and Trademark Office, Washington, D.C. on the date below. <u>Deborah Wykes</u> (Printed Name) <u><i>Deborah Wykes</i></u> (Signature) <u>November 13, 2002</u> (Date of Deposit)
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AMENDMENT

Commissioner for Patent
BOX NON-FEE AMENDMENT
Washington, D.C. 20231

Sir:

This Amendment is responsive to an Office Action mailed August 13, 2002.
Please amend the application as follows:

In the Claims:

✓ ✓ ✓ ✓
Please cancel claims 21-52, 54, 55, 57-62 and 70-75 without prejudice or
disclaimer.

Please add new claims 77-84 as follows.

77. (New) A plant cell containing:

(a) nucleotide sequence encoding at least a portion of the variable region of
an immunoglobulin light chain and a leader sequence forming a secretion signal, said
portion of the variable region of a light chain being capable of assembly with an antigen
specific portion of an immunoglobulin heavy chain to form an antigen-specific
immunoglobulin and;

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